AREIS 2002 VERSIONS

GIS Viewer CD-ROM
Larry A. Kaczala — Jerome C. German
Lucas County Auditor — Director of Real Estate

AREIS CD VIEWER
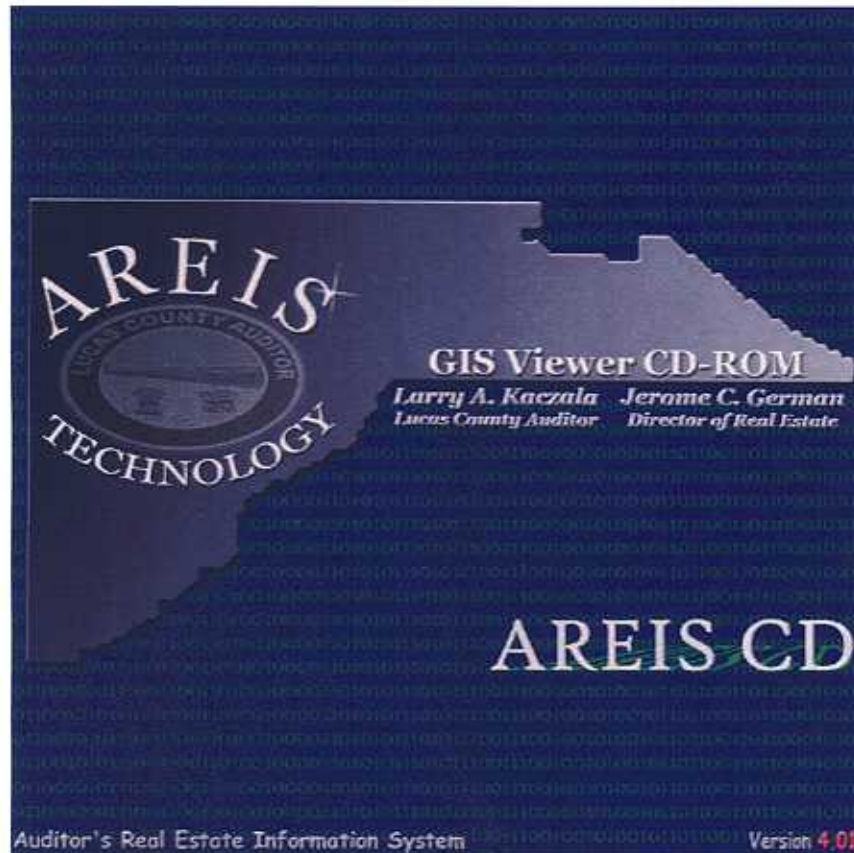
AREIS
LUCAS COUNTY AUDITOR
TECHNOLOGY

Auditor's Real Estate Information System — Version 4.01

The Auditor's Real Estate Information System

LARRY A. KACZALA, LUCAS COUNTY AUDITOR
JEROME C. GERMAN, DIRECTOR OF REAL ESTATE

One Government Center, Suite 770
Toledo, OH 43604-2256

Email: gistechsup@co.lucas.oh.us
Phone (419) 213-4368
Fax (419) 213-4417

Prior to Installation

- Uninstall any previous versions before installing the current version.

- Follow steps 1-3

- Find "GIS Viewer" OR "Viewer" in the Program Display Window.
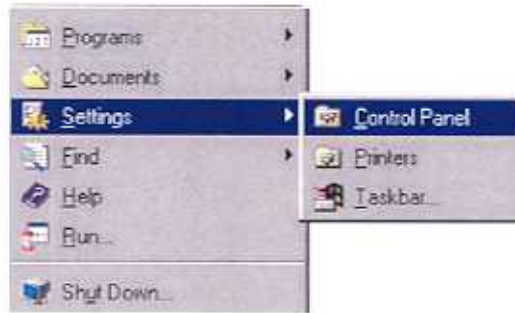
- Select "Add/ Remove"

Confirm removal by selecting "Yes"

Select "Yes to All" on deletion of shared files.

Now install most current AREIS CD Viewer by following steps 1 through 4.

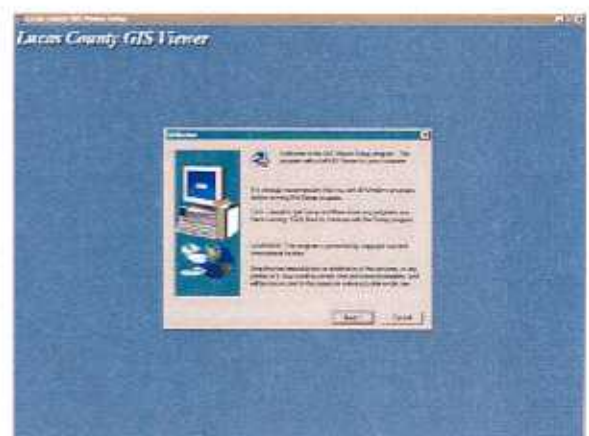3. Double click ADD & Remove Program.

AREIS will then begin the initial installation.

1. Place the AREIS CD in driver.

2. Click "START" - "Settings" - "Control Panel"

4. Select "Install"

(a) Then select "Next"
(b) "Finished"

Install Methods:

1. Install all the programming and data files from the CD onto your hard drive.

After installation, the CD will no longer be needed to run the program.

OR

2. If you are not installing components onto your hard drive—unselect the data files.

- Click on the files you do not want installed on your hard drive.

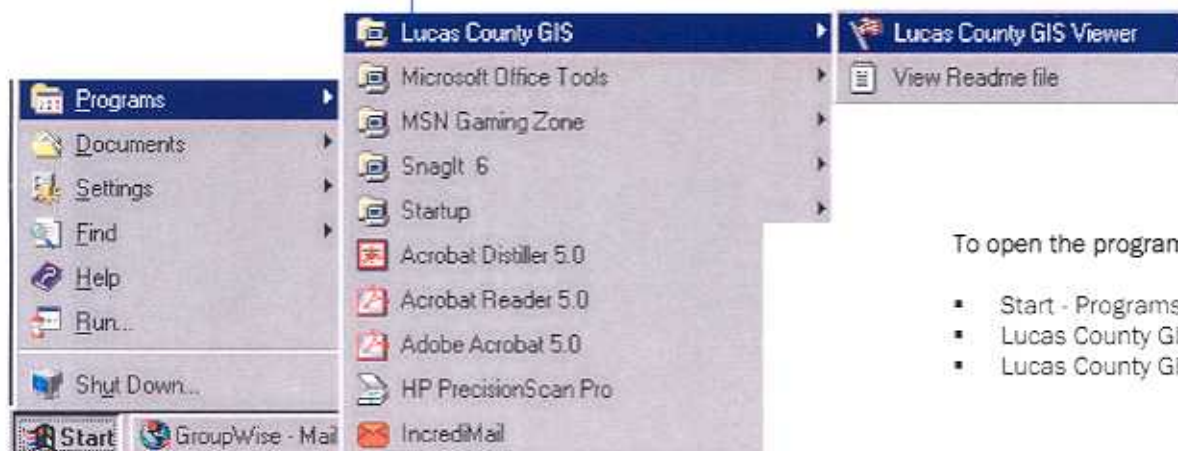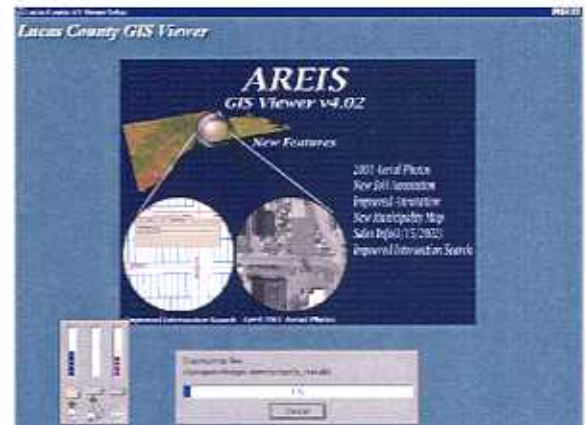- Select "Next" and AREIS will install just the programming. Data files will remain on the CD.

In order to run AREIS and to access the data files, the CD must remain in the CD-Rom drive when AREIS is in use.

Select Components

Select the components you want to install, clear the components you do not want to install.

Components

☑ Map Files	301161 K
☑ Real Estate Database	189074 K
☐ Help Files	0 K
☑ Aerial Photograph Files	150078 K

Description
This component contains the Lucas County GIS database

Change...

Space Required:	677523 K
Space Available:	1821981 K

< Back   Next >   Cancel

- To install on your hard drive—Select "Next"
  Note: To install just the programming, unselect the components. In order to access information, the CD must remain in the CD Rom drive when AREIS is in use.
- AREIS will inform of the space required and the space available.
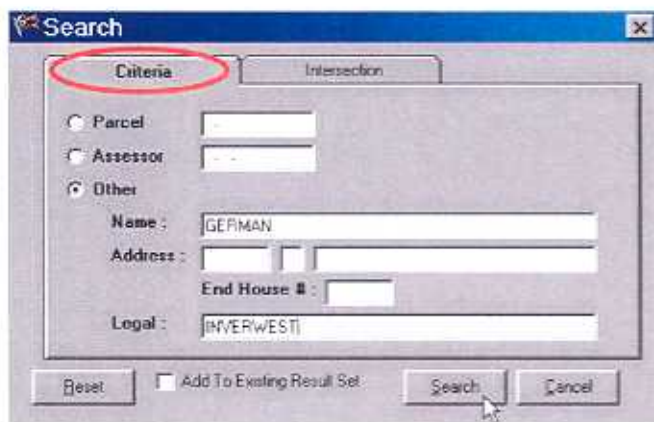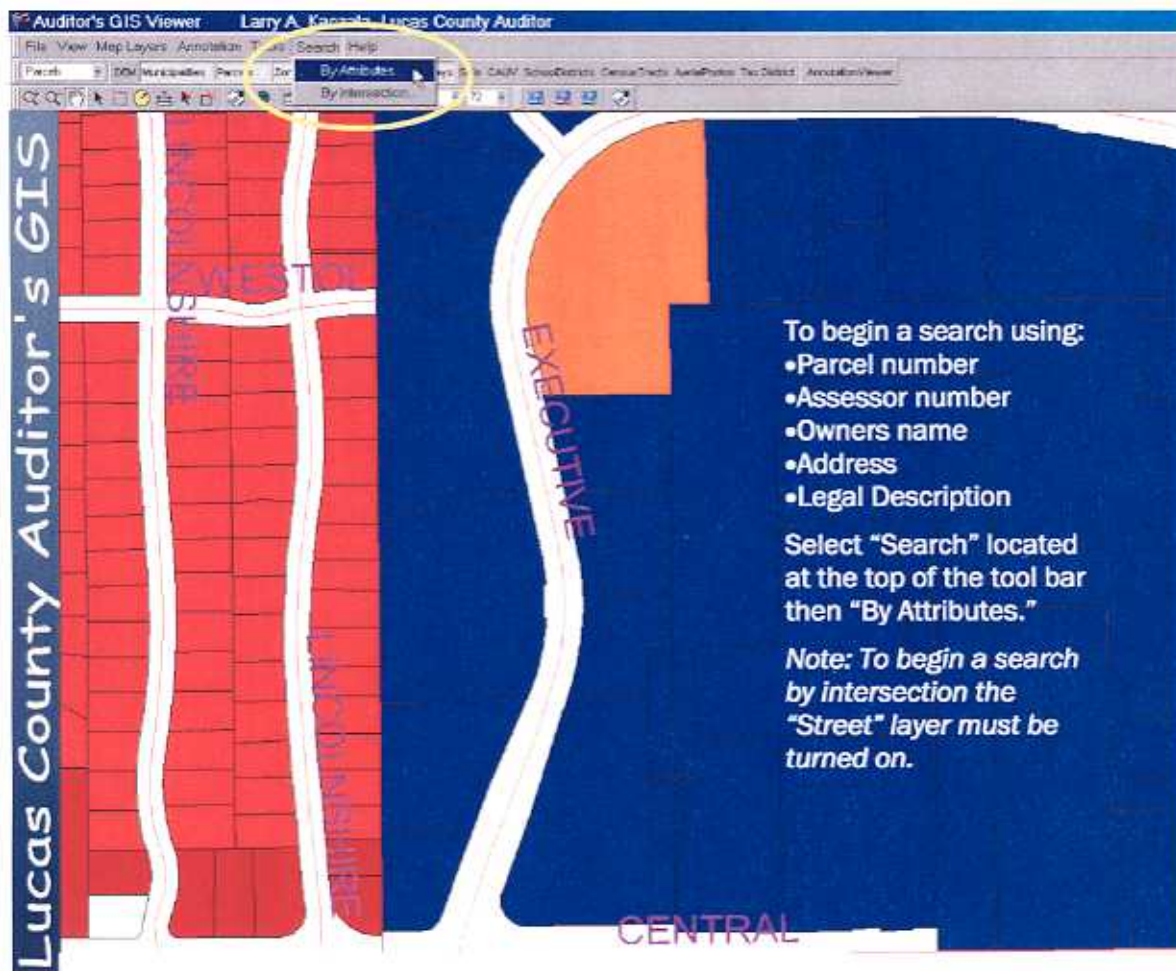
AREIS will then complete the installation.

Once the installation is complete you will select "Finished". You may be prompted to reboot your computer.

Lucas County GIS Viewer

AREIS
GIS Viewer v4.02
New Features

2003 Aerial Photos
New Toll Annotation
Improved Annotation
New Municipality Map
Sales Info(10/15/2003)
Improved Intersection Search

🗁 Lucas County GIS ▶	🏴 Lucas County GIS Viewer
🗐 Microsoft Office Tools ▶	📄 View Readme file
🗐 MSN Gaming Zone ▶	
🗐 SnagIt 6 ▶	
🗐 Startup ▶	
📋 Programs ▶	
📁 Documents ▶	
🖳 Settings ▶	
🔍 Find ▶	
❓ Help	
🏃 Run...	
🔲 Shut Down...	
🏁 Start 🌐 GroupWise - Mail	
📷 Acrobat Distiller 5.0	
📷 Acrobat Reader 5.0	
📷 Adobe Acrobat 5.0	
🗐 HP PrecisionScan Pro	
✉ IncrediMail	

To open the program select:

- Start - Programs
- Lucas County GIS
- Lucas County GIS Viewer

To begin a search using:
- Parcel number
- Assessor number
- Owners name
- Address
- Legal Description

Select "Search" located at the top of the tool bar then "By Attributes."

Note: To begin a search by intersection the "Street" layer must be turned on.

Enter the desired intersection and select search. AREIS will identify the parcel's geographic location and will display the property data.

Note: A criteria search can also be performed by combining keywords in the legal description, such as a subdivision name, with an owners last name.

Enter search criteria and select search. AREIS zooms to intersection.
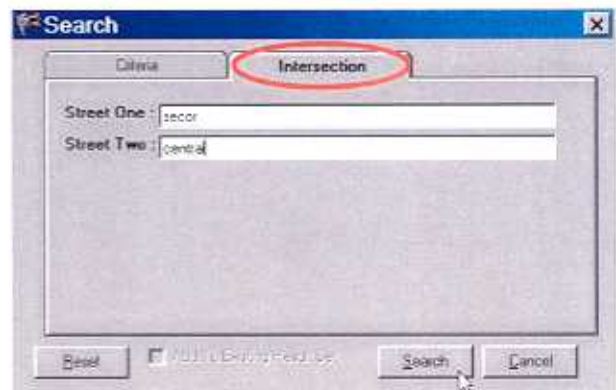
The following tools are utilized for map manipulation.

Zoom In To zoom in, select the Zoom In button on the Main Toolbar or select Zoom In under the Tools menu. Once the tool has been selected, click and hold the left mouse button and drag the cursor over the region to be magnified. A dotted box will indicate the area that will be magnified. Releasing the left mouse button will complete the magnification process.

Zoom Out To zoom out, select the Zoom Out button on the Main Toolbar or select Zoom Out under the Tools menu. Once the tool has been selected, click the left mouse button anywhere on the map to zoom out. Multiple clicks will cause the map to successively zoom out.

Pan To pan to different regions of the screen, select the Pan button from the Main Toolbar, or select Pan from the Tools menu. To pan, click and hold the left mouse button and drag the hand across the map. Releasing the mouse button drops the map in place. Successive pans are accomplished by repeating the above steps.

Select single parcel To identify a parcel or a street, select the Single Select button on the Main Toolbar, or select Single Select from the Tools menu. Once this tool has been selected, simply click on the desired parcel or street. The Parcel Attribute Window will then open with the parcel attribute information if "Parcels" is the Active Layer. If "Streets" is the active layer, the Street Attribute Window will open.

NOTE: To add more parcels to those already selected (if any), hold down the SHIFT key while selecting the new parcel(s).

Select a group of parcels based on a box This tool is used to select all of the parcels within a drawn box. To use this tool, select the Box Select button on the Main Tool-bar or choose Box Select from the Tools menu. This tool is used in the same manner as the Zoom In tool. The Parcel Attribute Window will then open with the parcel attribute information for the selected parcels. All of the selected parcels will be outlined in blue, and the currently selected parcel will be outlined in green. These outlined colors are the default colors, but you can change them by using the Format Tool bar.

NOTE: To add more parcels to those already selected (if any), hold down the SHIFT key while selecting the new parcel(s).

Zoom To Selected Parcels To zoom in to a select set of parcels, select the Zoom To Parcels button on the Main Toolbar or select Zoom To under the Tools menu. Once the tool has been selected, the map will zoom to a size where all of the selected parcels will be visible.

Zoom to full extent To zoom out to a countrywide view, select the Full Extent button on the Main Toolbar or select Full Extent from the Tools menu. When choosing this option be aware that the Parcel layer will be turned off, if not already, because of the length of time required to draw all of the parcels in Lucas County. Also, all of the parcels in the selected set, if any, will be lost as a result of the Parcel layer being turned off.

Distance

Acreage   To measure distance on the map or to find the acreage value for a parcel, select the Measure tool on the Main Toolbar and select the desired tool.

To determine a distance on the map, click the left mouse button to tack down the line. You can continue to tack down the line as many times as you need to follow the path of the region or distance you are trying to measure. To finish click the left mouse button. The distance of the line just drawn will be calculated in units of feet, miles, and kilometers. To determine an acreage value for a parcel, select the acreage tool and simply click in the desired parcel. The value will be calculated in units of square feet and acres.

Unselect single selected parcel by clicking on it. To remove a parcel from the selected set, select the Unselect All Parcels button on the Main Toolbar. Once this tool has been selected, simply click on one of the currently selected parcels to remove it from the selected set.

Unselect all currently selected parcels. To remove all of the parcels from the selected set, select the Unselect All Parcels button on the Main Toolbar.

Show Attributes To obtain attribute information about the selected parcel(s) click the Attribute button on the Main Toolbar. This will bring up the Parcel Attribute Window. This tool is only active when the Parcel Layer is turned on. The Glossary contains definitions for the terms used in the Parcel Attribute Window.

Print Report This tool is used to print the map, parcel attribute information, or both. Print options include attribute information on a single selected parcel, on multiple selected parcels, or just the parcel list. To use this tool, select the Print button on the Main Tool-bar or choose the print option from the file menu. An alternate method of printing involves opening the parcel attribute window and right clicking on the selected parcel record from the record list.

Select a group of parcels based on a buffer selection To select all of those parcels within a given distance from a point or from a multi-segmented line, use the Select by Buffer button on the main toolbar or select Buffer Select from the Tools menu. Choose whether you want all of the parcels within a given radial distance or within a given distance from a line. Enter the desired distance and press OK.

If you chose the radial option, place the cursor at the point where you want the center of your circle to be, then simply click the left mouse button.
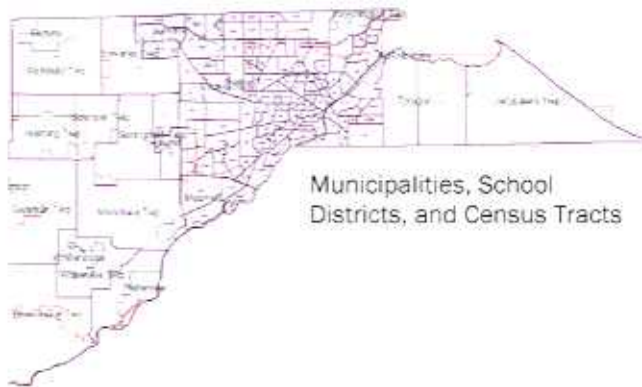
If you choose the line option, click the left mouse button once at the position where you want your line to start. Move the cursor to the next position and click the mouse once again. You may extend the line in any direction from the previous point. This allows you to find the parcels within a given distance from a multi-segmented line. To finish drawing the line, double click at the point where you want the line to end.

The results from either method are shown in the Parcel Attribute Window. All of the selected parcels will be outlined in blue, and the currently selected parcel will be outlined in green. These outline colors are the default colors, but you can change them by using the Format Toolbar.

NOTE: To add more parcels to those already selected (if any), hold down the SHIFT key while selecting the new parcels.

AREIS will allow you to customize your map view by selecting the desired layer or layers.

Map Layers

- ✓ Municipalities
- SchoolDistricts
- ✓ Parcels
- Zoning Map
- Census Tracts
- Streets
- ✓ Highways
- Soils
- CAUV
- Aerial Photos
- DEM
- Tax District
- ✓ FIRM Index

Municipalities, School Districts, and Census Tracts

Active map layers: parcel, streets, & flood panel.

The *flood panel layer* is used to identify different areas of vulnerability for insurance purposes. The flood panel map should be considered an advisory tool for general hazard awareness, education, and flood plain management. The map layer displayed *is not the legal document* to be used when making a single site flood hazard determination.

Additional sources: National Flood Insurance Program, Federal Insurance and Mitigation Administration, Flood Hazard Mapping.

39095C0059 D

Active map layers: soils, parcel, municipality. Legends: Soil Type.

A legend of the soil types and their corresponding values can be viewed by selecting "soil legend" from the annotation menu. If you hold your mouse over the various symbols, the text name and slope information will appear.

For more information about the various soil types, check out the Ohio NRCS Soils Home Page and the National Association of Conservation Districts.
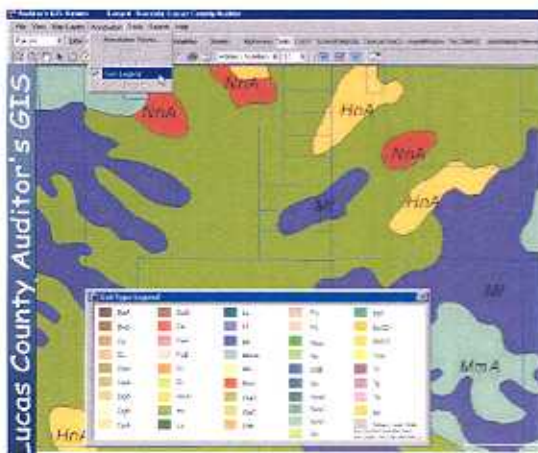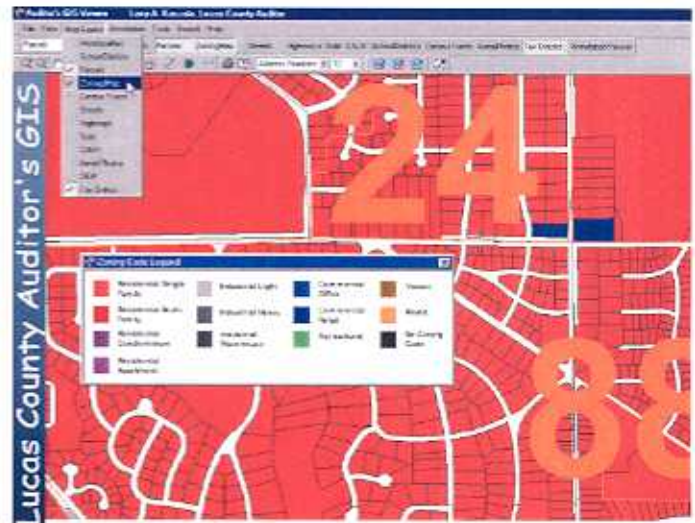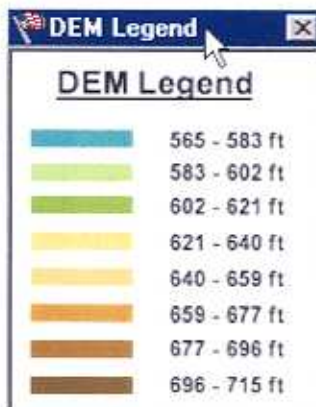
Active map layers: zoning map, parcel, tax district.
Legends: Zoning Code.

A legend of the zoning type and their corresponding values can be viewed by selecting "zoning legend" from the annotation menu.
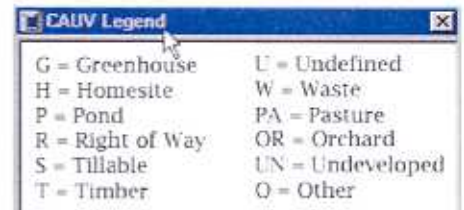
Please note: AREIS CD Viewer provides combined zoning information that is to be utilized for reference purposes only. For specific zoning codes, please contact the corresponding zoning commission.
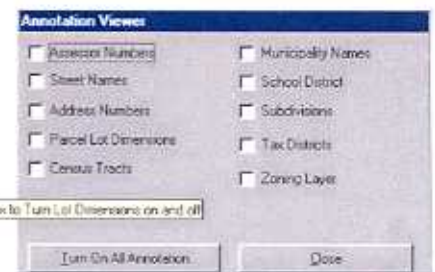
Legends & Annotation Viewer

DEM Legend

	565 - 583 ft
	583 - 602 ft
	602 - 621 ft
	621 - 640 ft
	640 - 659 ft
	659 - 677 ft
	677 - 696 ft
	696 - 715 ft

A legend of the elevation values can be viewed by selecting "DEM (digital elevation model) legend" from the annotation menu.

CAUV Legend

G = Greenhouse	U = Undefined
H = Homesite	W = Waste
P = Pond	PA = Pasture
R = Right of Way	OR = Orchard
S = Tillable	UN = Undeveloped
T = Timber	O = Other

A legend of the Current Agricultural Use Values and the corresponding abbreviation list can be viewed by selecting "CAUV legend" from the annotation menu.

Annotation Viewer can be activated by clicking "Annotation Viewer" on the Map Layers Toolbar or by selecting the Annotation Viewer option under the Annotation menu.

The *Comparable Sales Wizard* allows the user to search a given area for parcels based on a set of sales criteria. The parcels that match the given criteria can then be added to the selected set that would allow for a direct comparison between parcels. The process of finding parcels based on sales parameters is summarized for completeness.


Show all parcels with values sales based on the current map extent.

1. Click on the left button on the *Sales Toolbar.* This will open the Sales Parameters window entitled "Show Sales."

2. Select the property type.
   Residential or Non-Residential.
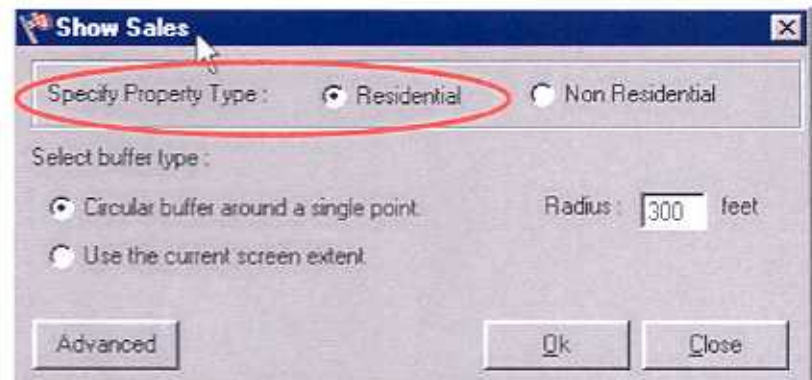
3. Select the type of search to perform. You can either select all parcels within a circular radius of a defined size or all of the parcels within view of the map. If you choose to search based on a circular buffer around a single point, enter the radius of the circle (in feet) or use the default value. All parcels with sales data that lie within the defined circle or within view of the map will be filled with a solid green color. Click the "*Advanced*" button to show the list of parameters that can be used to modify the search.
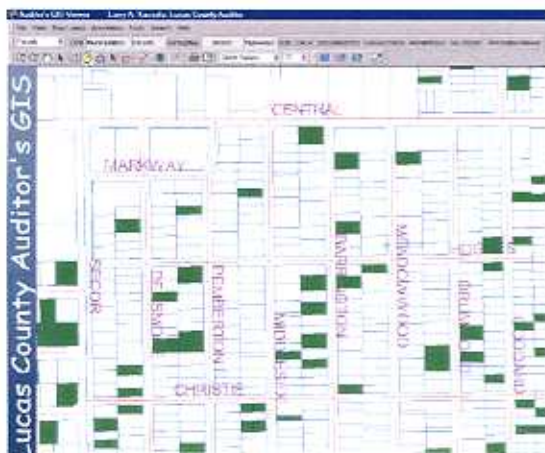
4. The parameters available to modify the search are Square Footage, Number of Rooms, Number of Bedrooms, Number of Bathrooms, Year Built, Number of Stories, Construction Type, Sales Year and Occupancy. To find parcels with a certain attribute, check the box next to the desired attribute and enter the range within which to search. For example, to search for one family residential properties within the field of view, built between 2000 and 2002, you would select: "Residential" as the property type, "Use the Current Screen Extent" as the buffer option, select "Occupancy" and "ONEFAM" from the drop down list, and select "Sale Year Between 2000 and 2002."

5. If the sales wizard yielded no results, you may redefine your search by making adjustments to the "Comparable Sales Criteria," change the radius size of the circular buffer, move to another location, or zoom out to include more parcels in the field of view.

6. To move the map so that all of the selected parcels appear on the screen, click on the Sales Toolbar.

The map will reposition so all of the selected parcels are visible.

Add highlighted sales parcels to the selected set

Hide highlight of parcels with value sales.
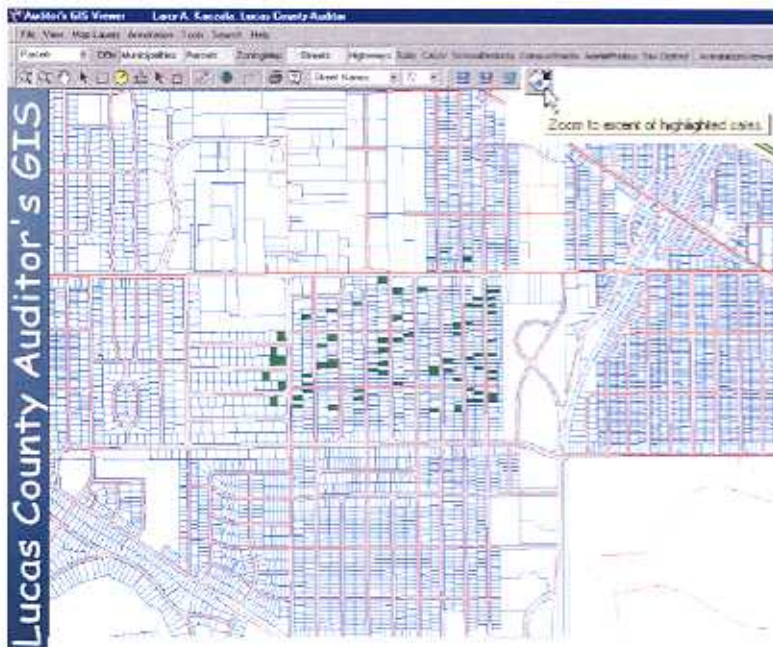
7. Once a set of parcels have been found you can hide them from view or add them to the selected set which allows you to view their attribute information in the Parcel Attribute Window.

To remove all of the parcels from the selected set, select the *Unselect Tool* from the Sales Toolbar.

Parcel Attributes for Tax Year 2000 — General tab

General

Assessor: 06-086-010 | Z | Parcel 07-20141 | Census Tract: 45.04
Flags:
Splits:
Tax District: TOLEDO CITY - TOLEDO CSD
Owner: GERMAN JEROME C & MARILYN E
Address: 2724 | DALEFORD DR
TOLEDO | OH | 43614

Assessor	Parcel	Name	No.	Dir.	Address
06086010.Z	0720141	GERMAN JEROME C &	2724		DALEFORD DR

Search results - Click top row to sort records

☑ AutoZoom? Count: 1 [Extended Attributes] [Close]

Parcel Attributes for Tax Year 2000 — Tax tab

General	Tax	Attributes

Class/Landuse: R-10 | Roll: X | ○ 35% Values ● 100% Values

	100% Values	Rollback Values		
Land	26,400	26,400	Forest:	0
Bldg	167,400	167,400	CAUV Reduced	0
Total	193,800	193,800	CAUV Savings	0
			Recoupment	0

	1st Half	2nd Half
General	2,962.47	2,962.47
House Bill 920	1,091.38	1,091.38
10% Rollback	187.11	187.11
2 1/2% Rollback	46.78	46.78
Homestead Red.	.00	.00
Net General	1,637.20	1,637.20
Prior General	.00	
Pen./Int. Gen.	.00	.00
Net Specials	106.71	106.71
Prior Specials	.00	
Pen./Int. Spec.	.00	.00
Tax Due	1,743.91	1,743.91

Assessor	Parcel	Name	No.	Dir.	Address
06086010.Z	0720141	GERMAN JEROME C &	2724		DALEFORD DR
03479044.Z	2312083	GERMAN MARIANNE E ETAL	1955		BELVOIR DR
08196024.0	0902982	GERM Search results - Click top row to sort records			HOUTH ST
08196022.0	0902991	GERMAN REFORMED	1311		STARR AVE

☑ AutoZoom? Count: 16 [Basic Attributes] [Close]

GENERAL TABS

- Assessor Number
- TD & Parcel Number
- Census Tract
- Taxing District
- Owners Name
- Property Address
- Loan Company Code
- Acres
- Legal Description

TAX FOLDER

Class & Land Use Code
35% & 100% Property Values
 (Land, Building & Total)
1st & 2nd Half Taxes

Parcel Attributes for Tax Year 2000 — Attributes tab

General	Tax	Attributes

Residential Attributes

TLA:	1304	Garage Type:	DETACHED
Year Built:	1949	Garage Size:	280
No. of Rooms:	5	Occupancy:	ONEFAM
No. of Bedrms:	3	Stories:	ONE
No. of Baths:	1.5		
Frontage:	42	Construction Type:	METLVNYL
Depth:	140	Lotsize:	5900

Date	Seller	Amount	Type	Mul	Ex.
10/08/1999	STRAWINSKI MARY E	80,500.00	GW		

Assessor	Parcel	Name	No.	Dir.	Address
03369024.Z	1308974	STIEB SHIRLEY R	4436		GARRISON RD
03589001.Z	2351001	STIEB WILLIAM H & HONG N	5317		RAMBO LN
06324043.S	0350218	STIEBELING EDITH DENISE	1662		BROWNSTONE BLVD
06311037.Z	0970521	STIEBEN CHARLOTTE S	4903		CLARADALE RD

☑ AutoZoom? Count: 96 [Basic Attributes] [Close]
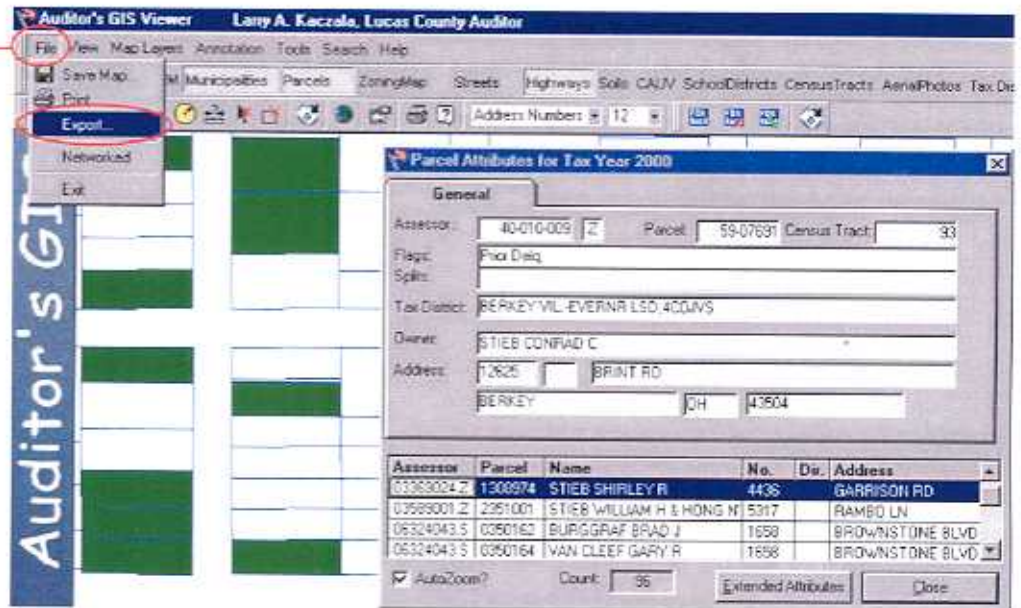
ATTRIBUTE FOLDER

Provides:

Basic data on structure(s), i.e.
- TLA (total living area)
- Year Built
- Occupancy
- Garage Type
- Lot size

Recent sale information for subject property. AREIS CD provides sale history from 1998 to most recent CD release date.

To start the wizard, select Export from the File menu.

Then simply follow the steps listed to complete the export.

The *Export Wizard* allows you to save the selected parcel information to a file and the wizard will step you through the process to create this file.
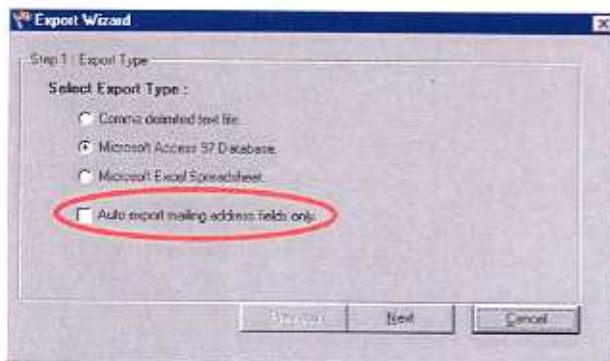
1. Choose the type of file you would like to generate. Choose between a Comma delimited text file, an MS Access database file, or Excel Spreadsheet.

   Note: You are also given the option of exporting mailing address fields only.

2. *Next*, select any of the standard export fields for the desired information you would like to export. A number of fields have already been selected by default. To modify the list of standard fields to export, simply check (or uncheck) any of the available fields. A common identifier, such as "*Assessor Number*," is often included as an export field.

   Click Next to continue.

3. Now select any of the *Extended Export fields*, if any, and click Next.

   Note: A listing of the various class types are available through the CD's help file, under glossary.

4. The next three screens show export fields specific to whether the parcel(s) are flagged as *Residential, Condominium,* or *Commercial/ Industrial.* The export wizard does not know the type of parcel(s) selected, so these three screens are always shown. If the selected parcel(s) are not Residential or no more specific information is needed, simply click the Next button.

   Note: TLA refers to total living area. Detailed descriptions are available in the help file.

RESIDENTIAL FIELDS

CONDOMINIUM FIELDS

The following screen shows export fields specific to Condominiums. If no Condominiums have been selected or no information is needed, click Next.

Finally, the Commercial/ Industrial export fields are shown. Again, if the parcel(s) are not Commercial, Industrial, or if no more information is desired, then click Next.

Note: Description of acronyms, including GBA—gross building area, is available in the help file.

COMMERCIAL FIELDS

6. Click the *Finish* button to create the exported data file.

Tip: To save the file in a different folder, click a different drive in the *Save In* box, or click a different folder name in the folder list, or both. To save the file in a new folder, click the *Create New Folder* icon.
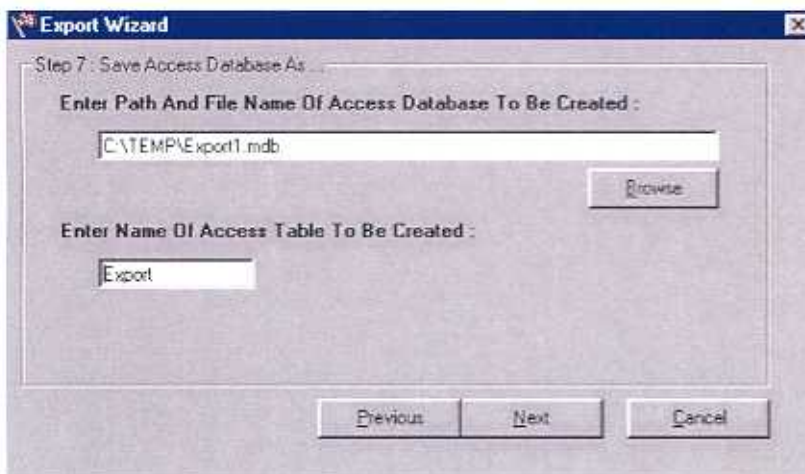
5. Enter the full path and filename in which to save the parcel information. If you are creating a database file, you also need to enter a name for the table that will contain the information. The database filename and the table name can be the same if desired.

1-A	AGRICULTURAL	3-I	INDUSTRIAL (Continued)	4-C	COMMERCIAL (Continued)
100	Vacant Land	351	Industrial Warehouse 6-15%	421	Supermarket
101	Cash Grain/ Gen. Farm	352	Industrial Warehouse 16-25%	422	Discount Store
102	Livestock O/T 03 & 04	353	Industrial Warehouse 26-35%	423	Catalog Showroom Sales
103	Dairy Farm	354	Industrial Warehouse 36-50%	424	Department Store
104	Poultry Farm	355	Distribution Warehouse Center	425	Neighborhood Shopping Center
105	Fruit & Nut Farm	356	Automated Warehouse	426	Community Shopping Center
106	Vegetable Farm	357	Cold Storage Facility	427	Regional Shopping Center
107	Tobacco Farm	358	Multi-Stry Warehse with Elv	428	Amusement Parks
108	Nursery	360	Industrial Truck Terminal	429	Retail Structure
109	Greenhouse	370	Small Shop 0-10%	430	Restaurant or Bar
110	Vacant Land Q CAUV	371	Small Shop 11-20%	431	Office/ Apartments over
111	Cash Grain Gen/Farm Q CAUV	372	Small Shop 0V-20%	432	Office/ Retail over
112	Livestock O/T 03 & 04 Q CAUV	380	Mine or Quarry	433	Office/ Storage over
113	Dairy Farm Q CAUV	389	Industrial PU	434	Supper Club/ Night Club
114	Poultry Farm Q CAUV	390	Grain Elevator	435	Drive-In Restaurant
115	Fruit & Nut Farm Q CAUV	391	Open Code	436	Family Restaurant
116	Vegetable Farm Q CAUV	392	Open Code	437	Other Food Service Structures
117	Tobacco Farm Q CAUV	399	Industrial Structure	438	Drive thru Carry-Outs
118	Nurseries Q CAUV			439	Food Service Structure
119	Greenhouse Veg &/or Floral	4-C	Commercial	440	Dry Cleaning Plant/ Laundry
120	Timber or Forest Land	400	Vacant Land	441	Funeral Home
121	Timber or Forest Q CAUV	401	Apartments 4-19 Family	442	Medical Office
190	Other Agricultural	402	Apartments 20 to 39 Family	443	Car Wash Full Service Auto
199	Other Agricultural Q CAUV	403	Apartments 40+ Family	444	Bank
		404	Retail/ Apartment over	445	Savings & Loans
2-M	MINERAL	405	Retail/ Office over	446	Radio/ TV Station
		406	Retail/ Storage over	447	Office Building
3-I	INDUSTRIAL	407	C/I Lawn & Garden Sales	448	Walk-Up Office Building
300	Vacant Industrial Land	408	Open Code	449	Elevator Office Building
301	Land Fill	409	Housing for the Elderly	450	Condominium Office Building
302	Lumber Yards	410	Motel/ Tourist Cabins	451	Gas Station/ No Bays
304	Aviation Facility	411	Hotel	452	Auto Service Station
305	Research/ Chem Laboratories	412	Nursing Home of Hospital	453	Car Wash
310	Food/Drink Processing	413	Nursing Home Custodial Care	454	Auto Sales & Service
320	Heavy Manufacturing	414	Rooming House	455	Commercial Garage
330	Medium Manufacturing	415	Manufactured Home Park	456	Parking Lot or Structure
340	Light Manufacturing 0-10%	416	Camp Grounds	457	Parking Lot—Structure
341	Light Manufacturing 11-20%	417	Day Care/ Pre-School	458	Gas Station/ Conv Foodstore
342	Light Manufacturing 21-30%	418	Fraternities & Sororities	459	Gas Station/ Car Wash
343	Light Manufacturing 0v-30%	419	Other Commercial Housing	460	Theater
350	Industrial Warehouse 0-5%	420	Small Retail Structure	461	Drive-in Theater

4-C	COMMERCIAL (Continued)	5-R	RESIDENTIAL (Continued)	8-PU	PUBLIC UTILITES (Continued)
462	Golf Range Miniature Course	50	Vacant Land	810	Michigan Interstate RR
463	Golf Course	51	One-Family Dwelling	828	Consolidated Rail Corp
464	Bowling Alley	52	Two-Family Dwelling	837	Toledo Edison Co.
465	Lodge Hall or Amusement Park	53	Three-Family Dwelling	838	Tri-County Rural Electric
466	Truck/ Farm EQPT Sales & Serv	54	House Trailer (Real)	839	Buckeye Elect Util Co
467	Used Car Sales Lot	55	Condominium Unit	840	Railroad Used in Operation
468	Open Code	0	Platted Lot	841	Western Union Tele Inc.
469	Open Code	1	Unplatted Lot 0-9.99 acres	848	Lorain Electronic Co.
470	Dwelling Used as Office	2	Unplatted Lot 10-19.99 acres	849	US Telecom Inc.
471	Dwelling Used as Retail	3	Unplatted Lot 20-29.99 acres	850	MCI Telecommunication
472	Open Code	4	Unplatted Lot 30-39.99 acres	851	United Tele Co of Ohio
473	Open Code	5	Unplatted Lot 40 + acres	852	General Tele Co. of Ohio
474	Open Code	599	Other Residential Structure	853	Ohio Bell Telephone Co.
475	Retail Condo			854	Ohio Telephone & Telegraph
476	Open Code	6-E	EXEMPT	855	ATT Communications
477	Open Code	602	Owned by USA	856	GTE Sprint Communications
478	Open Code	603	Owned by State	857	ALLTEL Ohio Inc.
479	Dog & Cat Kennels	604	Owned by County	858	RCI Corp
480	Commercial Warehouse	605	Owned by Township	859	US Sprint Communications
481	Mini Warehouse	606	Owned by Municipality	864	Suburban Fuel Gas Inc.
482	Commercial Truck Terminal	607	Owned by Board of Edu	865	Columbia Gas of Ohio inc.
483	Bus Garages/ Terminals	608	Owned by Cons Distrs	866	East Ohio Gas Co.
484	Hospitals	609	Owned by SCH/COLL/ACADE	867	Columbia Gas Transmission
485	Open Code	610	Owned by Charitable Inst.	868	Waterville Gas & Oil
486	Open Code	611	Owned by Churches	869	Ohio Gas Co.
487	Open Code	612	Graveyards, Monuments, Ceme	870	Waterville Gas Co.
488	Open Code	613	Metro Housing Authority	871	Buckeye Pipe Line Co of MI.
489	All PU Elec RR	614	Section 1728.10 R.C.	872	Panhandle Estrn Pipe Line Co
490	Marine Service Facility	615	Section 3735.67 R.C.	873	Total Pipe Line Corp.
491	Racquet Ball Courts	616	Section 5709.41 R.C.	875	Sun Oil Pipe Line
492	Tennis Barns	617	Section 725.02 R.C.	883	Marathon Pipe Line Co.
493	Swimming Club	618	Section 165.01/ 303.52	884	Mid-Valley Pipe Line Co.
494	Open Code				
495	Open Code	8-PU	PUBLIC UTILITIES		
496	Marina	802	Baltimore & Ohio RR Co.		
497	Auto/ Horse Race Tracks	804	Chesapeake & Ohio RR Co.		
498	Skating Rinks	806	Gran Trunk Western RR		
499	Commercial Structure	809	Norfolk & Western RR		

The soils data table below provides a detailed description of the various soil types listed in the soil type legend.

MUSYM	COUNT	SERIES	TEXTURE	SLOPE	EROSION	DRAINAGE	CROP	WOOD
BxA	478	Bixler	Loamy Fine Sand	0-2	Slight	Somewhat poorly drained	250	70
BxB	178	Bixler	Loamy Fine Sand	2-6	Slight	Somewhat poorly drained	210	70
ByA	72	Bixler	Loamy Fine Sand	0-3	Slight	Somewhat poorly drained	250	70
Ce	56	Ceresco	Sandy Loam	0-2	Slight	Somewhat poorly drained	380	70
Co	163	Colwood	Loam	0-2	Slight	Very poorly drained	1000	70
Cp	46	Colwood-Urban Land Complex	Loam	0-2	Slight	Very poorly drained	1000	70
DcA	63	Del-Ray Urban Land Complex	Loam	0-3	Slight	Somewhat poorly drained	400	70
DdA	221	Del-Ray	Loam	0-3	Slight	Somewhat poorly drained	400	70
DeA	39	Del-Ray	Loam	0-2	Slight	Somewhat poorly drained	300	70
DgA	85	Digby	Sandy Loam	0-2	Slight	Somewhat poorly drained	460	70
DgB	19	Digby	Sandy Loam	2-6	Slight	Somewhat poorly drained	400	70
DoA	13	Digby	Sandy Loam	0-3	Slight	Somewhat poorly drained	460	70
DsA	276	Dixboro	Fine Sandy Loam	0-2	Slight	Somewhat poorly drained	250	70
DtA	72	Dixboro-Urban Land Complex	Fine Sandy Loam	0-2	Slight	Somewhat poorly drained	250	70
DuB	10	Dunbridge	Sandy Loam	0-4	Slight	Well drained	100	70
Ee	97	Eel	Loam	0-2	Slight	Moderately well drained	420	70
FuA	493	Fulton	Silty Clay Loam	0-2	Slight	Somewhat poorly drained	160	70
FuB	56	Fulton	Silty Clay Loam	2-6	Slight	Somewhat poorly drained	100	70
FwA	7	Fulton-Urban Land Complex	Silty Clay Loam	0-3	Slight	Somewhat poorly drained	160	70
Gf	90	Gilford	Fine Sandy Loam	0-2	Slight	Well drained	770	70
Gr	296	Granby	Loamy Fine Sand	0-2	Slight	Very poorly drained	450	70
Gs	29	Granby	Loamy Fine Sand	0-2	Slight	Very poorly drained	450	70
HnA	385	Haskins	Loam	0-3	Slight	Somewhat poorly drained	530	70
Ho	71	Hoytville	Clay Loam	0-2	Slight	Very poorly drained	710	70
La	70	Lamson	Fine Sandy Loam	0-2	Slight	Very poorly drained	380	70
Lc	37	Latty	Silty Clay	0-2	Slight	Very poorly drained	480	70
Lf	82	Lenawee	Silty Clay Loam	0-2	Slight	Very poorly drained	740	70
Lg	28	Lenawee-Urban Land Complex	Silty Clay Loam	0-2	Slight	Very poorly drained	740	70
Mf	244	Merrill	Loam	0-2	Slight	Very poorly drained	800	70
Mh	9	Merrill-Urban Land Complex	Loam	0-2	Slight	Very poorly drained	800	70
MmA	383	Metamora	Sandy Loam	0-3	Slight	Somewhat poorly drained	550	70
Mu	9	Muskego	Muck	0-2	Slight	Very poorly drained	340	70
Nna	349	Nappanee	Loam	0-3	Slight	Somewhat poorly drained	320	70
OaB	202	Oakville	Fine Sand	2-6	Slight	Well drained	100	70
OaC	129	Oakville	Fine Sand	6-18	Slight	Well drained	100	70
OcB	34	Oakville-Urban Land Complex	Fine Sand	2-12	Slight	Well drained	100	70
OtB	1239	Ottokee	Fine Sand	0-6	Slight	Moderately well drained	230	70
OuB	80	Ottokee-Urban Land Complex	Fine Sand	0-6	Slight	Moderately well drained	230	70
Pq	12	Pits, Quarry	N/A	N/A	N/A	N/A	100	70
Ps	14	Pits, Sand	N/A	N/A	N/A	N/A	100	70
RnA	281	Rimer	Loamy Fine Sand	0-3	Slight	Somewhat poorly drained	230	70
Rs	28	Ross	Loam	0-2	Slight	Well drained	820	320
SdB	128	Seward	Loamy Fine Sand	2-6	Slight	Moderately well drained	100	70
Sh	53	Shoals	Loam	0-2	Slight	Somewhat poorly drained	490	70
SmB	64	Sisson	Loam	2-6	Slight	Well drained	490	70
SmC	84	Sisson	Loam	6-12	Slight	Well drained	390	70
SmD	74	Sisson	Loam	12-18	Slight	Well drained	220	70

| MUSYM	COUNT	SERIES	TEXTURE	SLOPE	EROSION	DRAINAGE	CROP	WOOD
SnB	48	Sisson-Urban Land Complex	Loam	6-12	Slight	Well drained	390	70
So	100	Sloan	Loam	0-2	Slight	Very poorly drained	660	70
StB	170	Spinks	Fine Sand	2-6	Slight	Well drained	100	70
SuC2	79	St. Clair	Silty Clay Loam	4-12	Moderate	Moderately well drained	100	70
SuE3	43	St. Clair	Silty Clay Loam	12-18	Moderate	Moderately well drained	100	70
TdA	1522	Tedrow	Fine Sand	0-3	Slight	Somewhat poorly drained	100	70
TeA	46	Tedrow-Urban Land Complex	Fine Sand	0-3	Slight	Somewhat poorly drained	100	70
To	102	Toledo	Silty Clay	0-2	Slight	Very poorly drained	440	70
Tp	16	Toledo, PO-PH	Silty Clay	0-2	Slight	Very poorly drained	120	70
Ts	8	Toledo-Urban Land Complex	Silty Clay	0-2	Slight	Very poorly drained	440	70
TuB	2							
Un	70	Udorthents	Sandy	N/A	N/A	Poorly drained	100	70
Uo	114	Udorthents	Loam	N/A	N/A	N/A	100	70
Up	3	Udorthents	Clay	N/A	N/A	N/A	100	70
Ur	53	Urban Land	N/A	N/A	N/A	N/A	100	70
W	108	Water						
Wt	32	Wauseon	Fine Sandy Loam	0-2	Slight	Very poorly drained	330	70

Running the Viewer Over a Network
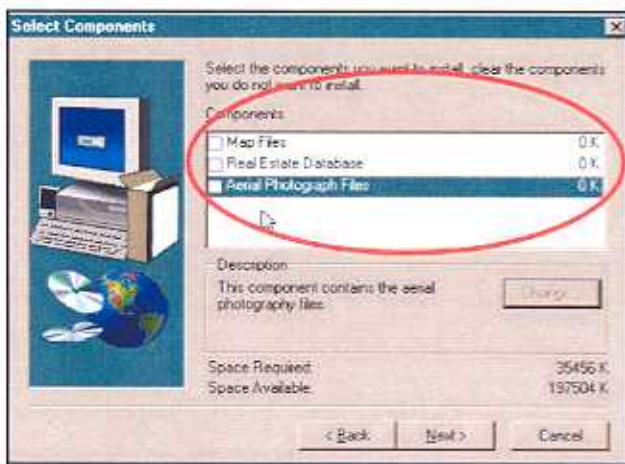
Figure 1

If you would like to take up minimum space on multiple client computers, we suggest that you install only the program files to the clients and put the larger files (Map Files, Real Estate Database, and Aerial Photography Files) on a central server.

Client Installation Install the AREIS Viewer but do not choose to put the data files on the hard drive. This is accomplished by NOT CHECKING the boxes next to the three components as seen in **Figure 1**.
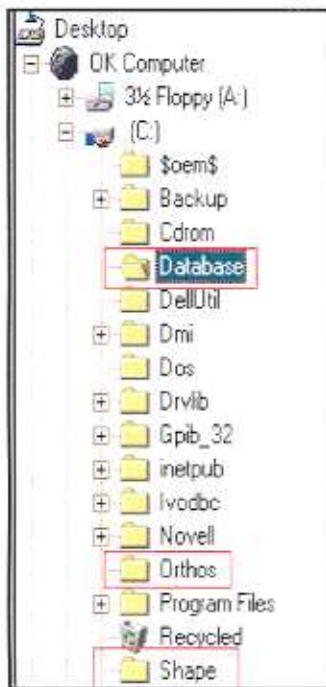
Figure 2

Server Installation— Install AREIS Viewer to a drive that will be shared to the clients and choose to place the data files on the hard drive. This is accomplished by CHECKING the boxes next to those three components shown in **Figure 1**. Once the installation is complete, share the drive to your client machines. Make sure that the data files appear as folders at the root (not under any sub-folders) of the shared drive as seen in **Figure 2** (notice the folders named **Database**, **Shape, Ortho's**).

Network Drive Setup Make sure that the drive to which you installed AREIS to on the *SERVER* is now shared and that the three folders appear in the ROOT of that drive. On the *CLIENT* machines, map a network drive (the drive designation letter does not matter) to the shared drive on the *SERVER*.

AREIS Setup When installation is complete, run the AREIS CD Viewer Program on the client. The message shown in **Figure 3** should appear asking you if you would like to use NETWORKED files. Click the YES button and AREIS will start looking through your networked drives to find the folders (it is important to have already completed the Network Drive Setup step before performing this step).
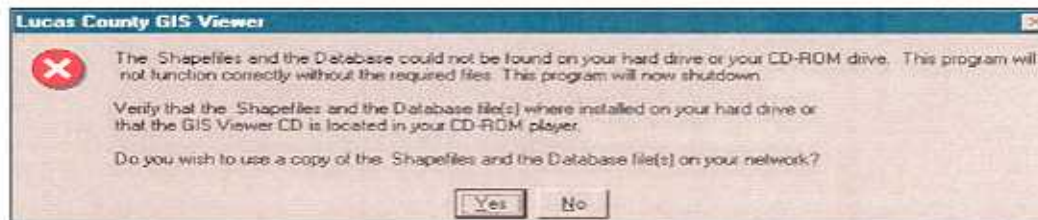

Figure 3

TROUBLE SHOOTING
Question: AREIS did not start after I selected YES in Figure 3.
Answer: Make sure that you have your drive shared on the server and the drive mapped on the client. Also make sure that you have those three folders in the ROOT of the shared drive and not in sub-folders.

AREIS Help

AREIS Help provides extensive assistance on program operations, definitions and tutorials on program applications.
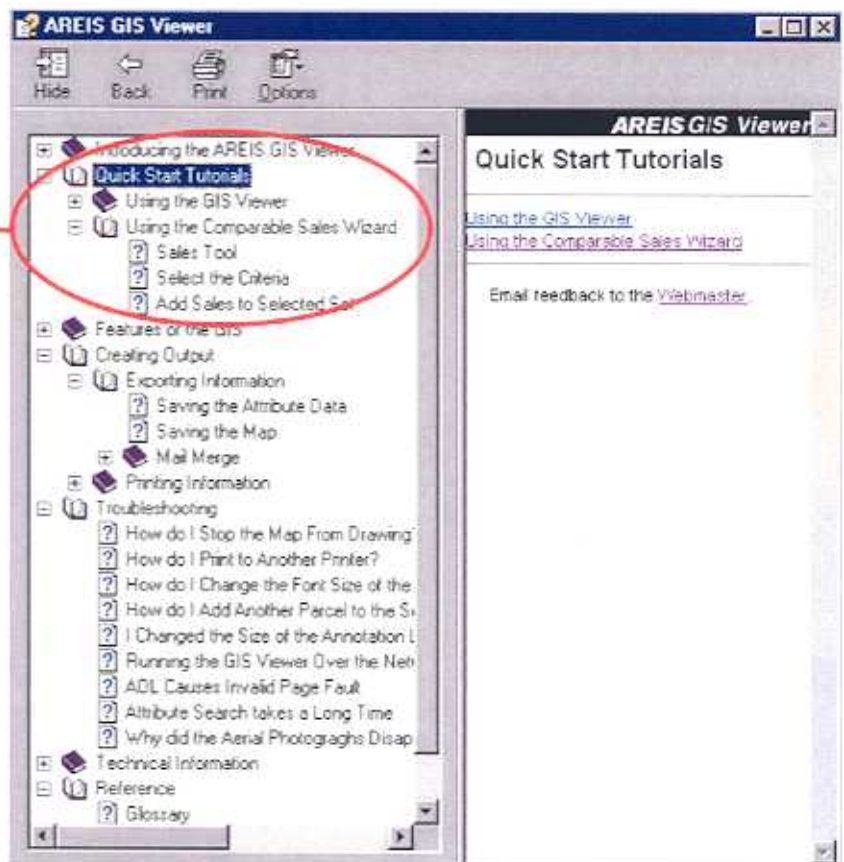
Question

- How do I start using the AREIS CD Viewer?

  The *"Quick Start Tutorial"* located in *"Lucas County GIS Help Topics"* under *"Help"* provides step-by-step instructions to jump start your search.

- How do I search for property that has recently sold?

  A quick start tutorial on *"Using the Comparable Sales Wizard"* will allow you to customize your search for property that has recently sold.


Question

- Where can I find the listing of class types for class and land use?

  The class and land use look up is available in the Viewer's *"help"* file. Select *"Lucas County GIS Help Topics,"* then double click on the heading *"Reference."* Double click on *"Glossary"* and select *"Class Type."*

- Will I be able to print the class type listing for future reference?

  Yes. The help file's main toolbar provides a *"Print"* option which will allow you to print all selected topics and/ or subtopics.
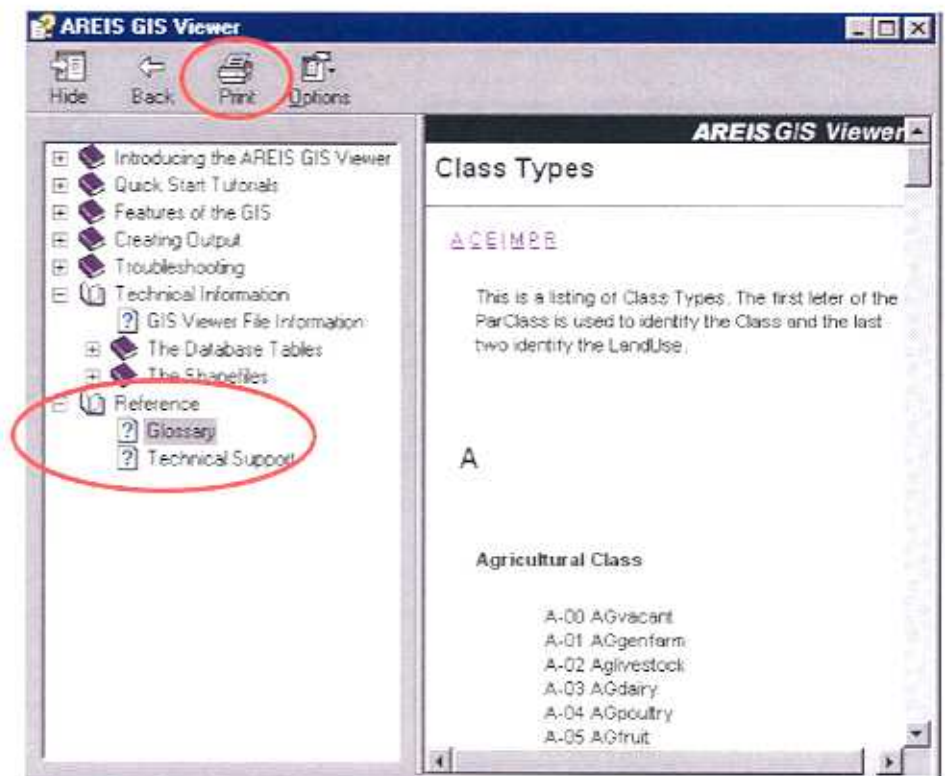
FOR PERSONAL ASSISTANCE: *Department Listings*

Larry A. Kaczala	213-4394	Split/ Combines	213-4445
Jerome German, Chief Assessor	213-4415	Exempts	213-4442
Public Assistance—Real Estate Information	213-4420	CAUV/ AG	213-4873
Public Information Department	213-4368	Homestead Department	213-4336
Real Estate Transfers	213-4444	Special Assessments	213-4330
Appraisal Department	213-4433	Licenses (vendors-dogs-cigarettes)	213-4341

Notes: